

NEW PUBLICATIONS.

I. HIGHER MATHEMATICS.

- BACKES (W.). Ein Nachtrag zu den Beweisen für den Fermatschen Satz $x^n + y^n = z^n$. Mainz, 1915. 4 pp. M. 3.00
- BELL (E. T.). Arithmetical theory of certain numerical functions. (University of Washington Publications in Mathematical and Physical Sciences, vol. 1, No. 1.) Seattle, University of Washington, 1915. 4to. 44 pp. \$0.50
- BÔCHER (M.). Syllabus of a brief course in solid analytic geometry. (Rectangular coordinates.) Cambridge, Mass., Harvard Cooperative Society, 1916. 8vo. 10 pp. Paper. \$0.15
- BONYNGE (W.). See FISHER (A.).
- FISHER (A.). The mathematical theory of probabilities and its application to frequency curves and statistical methods. Translated and edited from the author's original Danish notes with the assistance of W. Bonyngé, with an introductory note by F. W. Frankland. Vol. 1. Mathematical probabilities and homograde statistics. New York, Macmillan, 1915. 20+171 pp. \$2.00
- FORD (W. B.). Studies on divergent series and summability. (University of Michigan Studies. Scientific Series, vol. 2.) New York, Macmillan, 1916. 4to. 12+194 pp. Cloth. \$2.50
- FRANKLAND (F. W.). See FISHER (A.).
- FUBINI (G.). Lezioni di analisi matematica. 2a edizione, interamente rifusa. (Grande biblioteca tecnica, no. 9.) Torino, Soc. tip. ed. Nazionale, 1915. 8vo. L. 14.00
- LEWIS (F. P.). Geometrical application of the theory of the binary quintic. (Diss.) Baltimore, Johns Hopkins, 1914. 4to. 24 pp.
- RULF (W.). Analytische Geometrie für höhere Gewerbeschulen. Wien, Deuticke, 1915. 158 pp. Geb. Kr. 3.20
- SPOLTORE (N.). La duplicazione grafica del cubo. Vasto, tip. Zaccagnini, 1915. 8vo. 8 pp. con tavola.
- UDZIELA (E.). Neue Lösung des Fermatschen Problems $x^n + y^n = z^n$. Wien, Udziela, 1915. 6 pp.

II. ELEMENTARY MATHEMATICS.

- ANDERSON (R. F.). See PHILIPS (G. M.).
- BEHRENDSEN (O.) und GÖTTING (E.). Lehrbuch der Mathematik nach modernen Grundsätzen. Leipzig, Teubner, 1915. 8vo. Ausgabe B für Schulen mit realisiertem Lehrplan. Unterstufe. 3te Auflage. 8+350 pp. Oberstufe. 2te Auflage. 7+404 pp. M. 2.80+4.00
- BENEDICT (H. Y.) and CALHOUN (J. W.). Teaching of plane geometry. 2d issue. (Official series, No. 104.) Austin, University of Texas, 1914. 8vo. 57 pp.